

ABSTRACT OF THE DISCLOSURE

In electrically connecting a starting motor and a magnet switch, a lead wire is shaped into a substantially V-shape. Then, the lead wire is arranged in a molding die and a sleeve is integrally molded with the lead wire. A seal portion of the sleeve fluid-tightly engages with insertion portions of a yoke and an end frame of the motor. While assembling the starting motor and the magnet switch, it is unnecessary to manually bend the lead wire during connection of the lead wire. Therefore, deformation of the seal portion is decreased, thereby maintaining the starting motor to be waterproof and facilitating the assembly of the starting motor.